I. Project Description

This portion of the project involves modifications to an existing traffic control signal at the intersection of MD 198 and Van Dusen Road in the town of Laurel, Prince Georges County, Maryland. Work efforts include removal of existing strain poles and associated span wire and span wire mounted traffic signal equipment that is in conflict with proposed roadway widening. New strain poles with associated span wire and span wire mounted signal equipment will be installed. Also included are the detectors, signal heads and signs for a proposed double left turn lane along eastbound MD 198. Loop detector amplifiers will be supplied and installed by SHA. Loop detectors will also be replaced at the MD 198/ Sweitzer Lane intersection. Maryland Route 198 is assumed to run in an east-west direction.

2. Intersection Operation

The existing E/P left turn phasing along MD 198 will be changed to exclusive phasing. The existing split phasing along Van Dusen Road will be maintained.

EQUIPMENT LIST

A. Equipment to be Furnished by the Administration:

Quantity	Spec. Sect.	Description
2 EA	814	I2" one-way three-section (RA,YA,GA) polycarbonate signal head with pole- mounting hardwre
5 EA	813	R 3-5L sign "(LEFT TURN ARROW) ONLY" 30" x 36", with span wire mounting hardware
2 EA	813	D 3-2 "Van Dusen Road", dual- faced 16" x Var., with span wire mounting hardware
2 EA		Two Channel Loop Detector Ampliflier
6 EA	814	12" one-way three-section (R,Y,G) polycarbonate signal head with, span wire mounting hardware
2 EA	814	<pre>12" one-way four-section (R,Y,G,GA) polycarbonate signal head, with span wire mounting hardware</pre>
2 EA	814	I2" one-way three-section (RA,YA,GA) polycarbonate signal head, with span wire mounting hardware

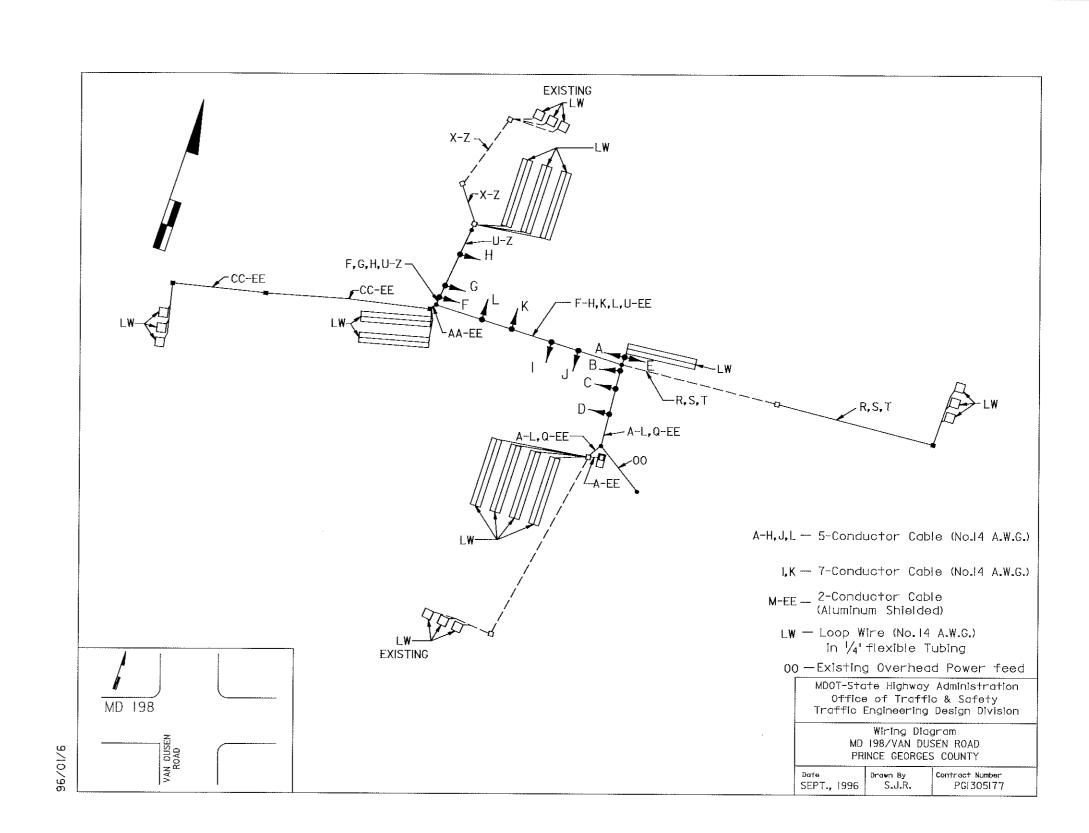
B. Equipment to by Furnished and/or Installed by the Contractor:

Quantity	Spec. Sect.	Description
645 LF	104	<pre>12" White preformed pavement marking tape</pre>
220 LF	104	24" White preformed pavement marking tape
2 EA	104	8'White "ONLY" pavement marking
4 EA	104	Pavement marking arrow left
220 LF	805	l"Electrical conduit - galvanized sleeve
2 EA	818	12" x 32' 2-ply Steel strain pole (Note: 4 - 21/4" x 96" anchor bolts)
12 EA	814	Install signal head any type
6 EA	811	Handhole
7 EA	813	Install overhead mounted signs
ILS	807	Remove and dispose of existing equipment
IO CY	801	Concrete for strain pole foundation

B. Equipment to by Furnished and/or Installed by the Contractor:(Cont.)

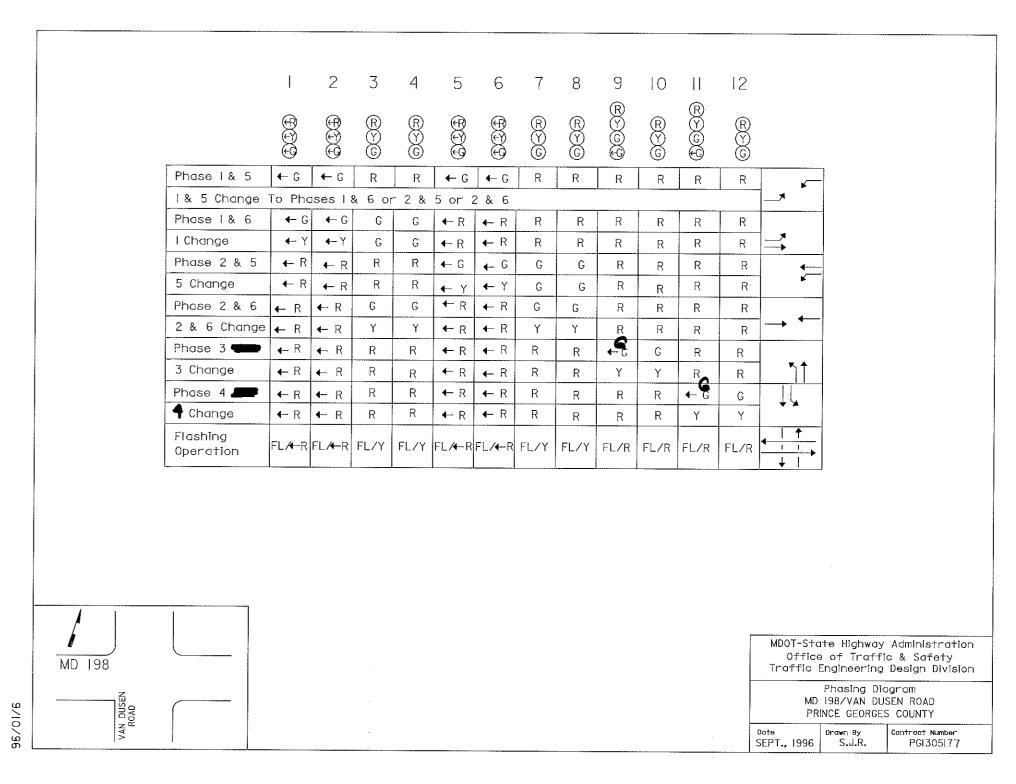
Quantity	Spec. Sect.	Description
7550 LF	810	Electrical cable - 2- conductor aluminum shielded (No.14 AWG)
2015 LF	810	Electrical cable - 5- conductor (No.14 AWG)
450 LF	810	Electrical cable - 7- conductor (No.14 AWG)
5065 LF	810	Loop wire - (No.14 AWG) - encased in flexible tubing
1780 LF	815	Install Sawout
320 LF	819	Steel Span Wire-3/8" Diameter
480 LF	805	2" Electrical conduit - PVC schedule 40 (trenched)

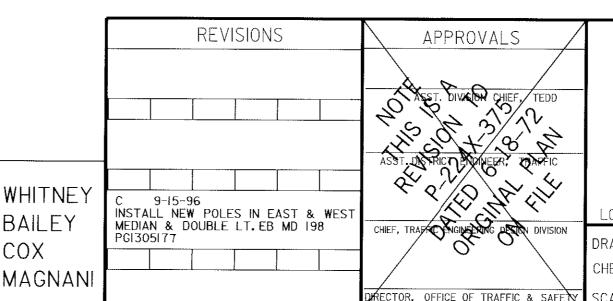
Special Note: The exclusive left-turn signal hoads along Md. 198 will Flash during off-peak hours. The Signal Shop shall confirm the hours of Flashing Operation with the Assistant District Engineer of Traffic



F H W A

SEE BELOW





MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
MD ROUTE 198

MD ROUTE 198

AND VAN DUSEN ROAD

 LOG MI. 16019802.19
 DATE 6/18/71

 DRAWN BY: M. SCHNEIDER CHECK BY: S.H.A. NO. CHECK BY: S.H.A. NO. P 224X-375
 PLAN SHEET NO.: SHEET NO.: SHEET NO.

 SCALE: 1"=20'
 COUNTY
 PRINCE GEORGES
 242C
 2 05
 2